



08.64743

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arihiro Takeda  
Serial No.: 09/662,236  
Conf. No.: 3089  
Filed: 09/14/2000  
For: LIQUID CRYSTAL DISPLAY DEVICE  
AND THIN FILM TRANSISTOR  
SUBSTRATE  
Art Unit: 2871  
Examiner: Dudek, James A.  
Patent No.: 6,927,824  
Issued: Aug. 9, 2005

*I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

28 Sept 05 [Signature]

Date

Registration No. 29,367

Attorney for Applicant(s)

**Certificate**

OCT 04 2005

**of Correction**

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 322

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: Certificate of Corrections Branch

Dear Sir:

In accordance with 37 C.F.R. § 1.322, patentees, through their attorneys, respectfully request that a Certificate of Correction be issued in the above-referenced patent.

The errors occurred as a result of mistakes on the part of the Patent and Trademark Office and the changes include the following:

OCT 05 2005

On the Patent Face:

Under “(75) Inventors”, the only two inventors are Takahiro SASAKI and Arihiro TAKEDA. The following names should be deleted (Petition and Amendment for Correction of Inventorship filed 06/07/05):

Yoshio Koike  
Kouji Tsukao  
Shingo Kataoka  
Kimiaki Nakamura  
Yuichi Inoue  
Kazutaka Hanaoka  
Seiji Tanuma  
Takatoshi Mayama  
Hidefumi Yoshida  
Yasutoshi Tasaka  
Takashi Sasabayashi  
Yohei Nakanishi

Under “(56) References Cited, U.S. Patent Documents”, the following patents were inadvertently omitted (PTO-1449 filed 08/10/04):

--6,256,082; Jul. 3, 2001; Suzuki et al.; 10/1998; 349/144  
6,300,996; Oct. 9, 2001; Matsuyama et al.; 5/1999; 349/144  
6,750,933; Jun. 15, 2004; Yakovenko et al. ; 9/1998; 349/129--

OCT 05 2005

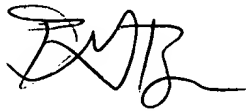
**REMARKS**

A Certificate of Correction incorporating the delineated change is enclosed in duplicate herewith. Since the mistake was on the part of the Patent and Trademark Office, a Certificate of Correction should be issued without expense to the patentee and such is respectfully requested.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



Patrick G. Burns  
Registration No. 29,367

September 28, 2005

300 South Wacker Drive  
Suite 2500  
Chicago, Illinois 60606  
Telephone: 312.360.0080  
Facsimile: 312.360.9315

Customer No. 24978

OCT 05 2005

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,927,824  
DATED : 08/09/05  
INVENTOR(S) : Arihiro Takeda

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### On the Patent Face:

Under “(75) Inventors”, the only two inventors are Takahiro SASAKI and Arihiro TAKEDA. The following names should be deleted:


Yoshio Koike	Seiji Tanuma
Kouji Tsukao	Takatoshi Mayama
Shingo Kataoka	Hidefumi Yoshida
Kimiaki Nakamura	Yasutoshi Tasaka
Yuichi Inoue	Takashi Sasabayashi
Kazutaka Hanaoka	Yohei Nakanishi

Under “(56) References Cited, U.S. Patent Documents”, add the following patents:

--6,256,082; Jul. 3, 2001; Suzuki et al.; 10/1998; 349/144  
6,300,996; Oct. 9, 2001; Matsuyama et al.; 5/1999; 349/144  
6,750,933; Jun. 15, 2004; Yakovenko et al. ; 9/1998; 349/129--

MAILING ADDRESS OF SENDER:  
Patrick G. Burns  
GREER, BURNS & CRAIN, LTD.  
300 South Wacker Drive, Suite 2500  
Chicago, IL 60606

PATENT NO 6,927,824  
No. of additional copies 1

 Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

OCT 05 2005

Form PTO-1449 U.S. Department of Commerce  
(Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 1508.64743

Serial No.: 09/662,236

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Applicant: Arihiro Takeda

Filing Date: 09/14/2000

Group: 2871

### U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
①	6,256,082	Jul. 3, 2001	Suzuki et al.	349	144	10-5-98
①	6,300,996	Oct. 9, 2001	Matsuyama et al.	349	144	5-27-99
①	6,750,933	Jun. 15, 2004	Yakovenko et al.	349	129	9-25-98

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

3/2/05

\*Examiner:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

In re Patent Application of

Takeda et al.

LIQUID CRYSTAL DISPLAY . . .

Serial No. 09/662,236 - Filed: September 14, 2000

PATENT

508.64742

JKF:k

June 7, 2005

Enclosed is a Issue Fee Transmittal (in duplicate) with check for \$1,400.00; Form PTOL-85B (in duplicate); Amendment After Notice of Allowance Under 37 C.F.R. §1.312; Petition and Amendment for Correction of Inventorship Under 37 C.F.R. §1.48(b), with check for \$130.00; and Certificate of mailing.

Commissioner for Patents:

Please acknowledge receipt of the above-identified documents by applying the Patent and Trademark Office receipt hereto and mailing this card.

Respectfully,

GREER, BURNS & CRAIN, LTD.

1508.64743

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application )

Applicants: Arihiro Takeda et al. )

Serial No.: 09/662,236 )

Filed: September 14, 2000 )

For: LIQUID CRYSTAL DISPLAY... )

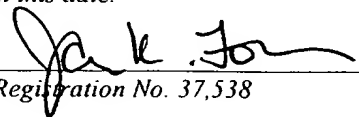
Art Unit: 2871 )

Examiner: Dudek James A. )

*I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

June 7, 2005

Date

  
Registration No. 37,538

F-CLASS.WCM

Appr. February 20, 1998

Attorney for Applicant

PETITION AND  
AMENDMENT FOR CORRECTION OF INVENTORSHIP  
UNDER 37 C.F.R. §1.48(b)

During the prosecution of this application, numerous original claims have been cancelled, leaving only claims 1-4 and 7 indicated as being allowable. With the cancellation of the claims other than claims 1-4 and 7, a change of inventorship is necessary.

Twelve of the joint inventors --Yoshio Koike; Kouji Tsukao; Shingo Kataoka; Kimiaki Nakamura; Yuichi Inoue; Kazutaka Hanaoka; Seiji Tanuma; Takatoshi Mayama; Hidefumi Yoshida; Yasutoshi Tasaka; Takashi Sasabayashi; and Yohei Nakanishi-- did not contribute to the subject matter of now pending Claims 1-4 and 7. Accordingly, Applicants hereby petition that the names --Yoshio Koike; Kouji Tsukao; Shingo Kataoka; Kimiaki Nakamura; Yuichi Inoue; Kazutaka Hanaoka; Seiji Tanuma; Takatoshi Mayama; Hidefumi Yoshida; Yasutoshi Tasaka; Takashi Sasabayashi; and Yohei Nakanishi-- be deleted as joint

inventors, as these inventors contributions are no longer being claimed in the present Application. Therefore, the two remaining inventors in the present Application are Takahiro Sasaki and Arihiro Takeda.

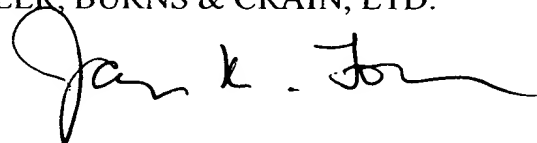
In fulfillment of the requirements of 37 C.F.R. § 1.48 (b), a check for \$130.00, the petition fee set forth in 37 C.F.R. §1.17(i), is also enclosed herein.

Applicants respectfully request entry of this Petition and Amendment for Correction of Inventorship because the proper procedures required under 37 C.F.R. § 1.48(b) are believed to have been followed.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



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June 7, 2005

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Chicago, Illinois 60606  
(312) 360-0080

Customer No. 24978

F:\DATA\WP60\3531\63806\CHG-INV.PTO





# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/662,236	09/14/2000	Arihiro Takeda	1508.64743	3089

7590 07/01/2005  
Patrick G. Burns Esq.  
Greer, Burns & Crain, Ltd.  
300 S. WACKER DRIVE  
25TH FLOOR  
Chicago, IL 60606



EXAMINER

DUDEK, JAMES A

ART UNIT PAPER NUMBER

2871

DATE MAILED: 07/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

GREEN, BURNS & CRAIN, LTD.  
05 JUL -6 AM 9:33



**Response to Rule 312 Communication**

**Application No.**

09/662,236

**Applicant(s)**

TAKEDA ET AL

**Examiner**

James A. Dudek

**Art Unit**

2871

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1. ☒ The amendment filed on 10 June 2005 under 37 CFR 1.312 has been considered, and has been:

a) ☒ entered.

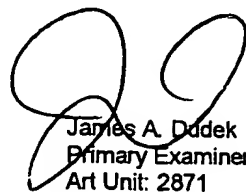
b) ☐ entered as directed to matters of form not affecting the scope of the invention.

c) ☐ disapproved because the amendment was filed after the payment of the issue fee.

Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

d) ☐ disapproved. See explanation below.

e) ☐ entered in part. See explanation below.

  
James A. Dudek  
Primary Examiner  
Art Unit: 2871



**UNITED STATES DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office**

Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER
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ART UNIT	PAPER
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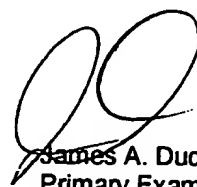
20050628

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

See attached response to the petition to correct inventorship.

  
James A. Dudek  
Primary Examiner  
Art Unit: 2871

***Response to Petition to correct Inventorship***

In view of the papers filed June 10, 2005, the inventorship in this nonprovisional application has been changed by the deletion of Yoshio Koike; Kouji Tsukao; Shingo Kataoka; Kimiaki Nakamura; Yuichi Inoue; Kazutaka Hanaoka; Seiji Tanuma; Takatoshi Mayama; Hidefumi Yoshida; Yasutoshi Tasaka; Takashi Sasabayashi; and Yohei Nakanishi.

The application will be forwarded to the Office of Initial Patent Examination (OIPE) for issuance of a corrected filing receipt, and correction of Office records to reflect the inventorship as corrected.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James A. Dudek whose telephone number is 571-272-2290. The examiner can normally be reached on 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert H. Kim can be reached on 571-272-2293. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

James A. Dudek  
Primary Examiner  
Art Unit 2871